

NRCS May Be Able to Help Your Community

NRCS can facilitate a local and regional planning effort to engage the general public in the development of alternative solutions to address chronic watershed problems. An interdisciplinary team of engineers, soil scientists, biologists, economists, landscape architects, GIS specialists, planners and others is available to identify and evaluate the problems objectively and provide potential alternative solutions. Final decisions are made by local units of government involved through this locally-led process.

NRCS Watershed Planning Benefits Communities

We are using the flood mitigation plan, developed with NRCS assistance, as a basis for applying for project grants to reduce flood damage.

Raymond Heck, Mayor
Millstone Borough

The Swan Creek Watershed Preliminary Flood Damage and Mitigation Report has already been used to hire an engineering firm to develop a plan for the building of a pumping plant to reduce flood damages.

David DelVecchio, Mayor
Lambertville City

The Lockatong and Wickecheoke Creek Watershed Sediment and Phosphorus Source Report will be used to identify the relative contribution of sediment sources to the D&R Canal and offer solutions for their reduction.

Dr. Daniel J. Van Abs, Director
Watershed Protection Programs
NJ Water Supply Authority

We are currently using the Flood Mitigation Plan that NRCS helped us develop to apply for project grant funding to remove a chronically flooded structure from the flood zone.

Robert Kiser, PE, Township Engineer
Princeton Township

**To talk with an NRCS
conservationist about watershed
planning assistance, contact the
office that serves your county.**

Burlington, Camden & Ocean Counties
609-267-1639 x3

Mercer, Middlesex & Monmouth Counties
732-462-0075 x3

Hunterdon, Somerset & Union Counties
908-782-4614 x3

Morris, Sussex & Warren Counties
908-852-2576 x3

Bergen, Hudson, Essex, Passaic Counties
732-537-6057

Atlantic, Cape May & Cumberland Counties
856-205-1225 x3

Gloucester & Salem Counties
856-769-1126 x3

Information about
NRCS work in New Jersey's
watersheds is available online

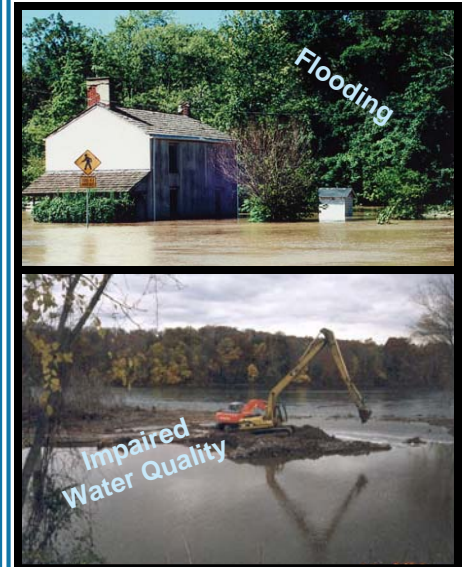
www.nj.nrcs.usda.gov/programs/watersheds/



NRCS is an equal opportunity
provider and employer.

July 2007

Helping Communities Manage Water



Watershed Planning Assistance in New Jersey



helping people help the land

<http://www.nj.nrcs.usda.gov>

NRCS Assisting Communities in New Jersey Watersheds

Assistance to Lambertville

The City of Lambertville, New Jersey, located along the Delaware River, had severe flooding in September 2004, again in April 2005 and a third time in June 2006. This flooding resulted in the loss of one life and over \$4.1 million of insured flood damages. In response, the City government began to look for potential sources of technical and financial assistance to mitigate the flood losses.



June 29, 2006 Flood - South Union Street, Lambertville, NJ

NRCS conducted a study of the flood vulnerability of approximately 200 structures in or near the Swan Creek flood zone and evaluated flood mitigation alternatives through a cooperative agreement between Lambertville and NRCS. Lambertville received funding for this undertaking through an Urban Development Action Grant (UDAG) from the US Department of Housing and Urban Development (HUD).

USDA, Natural Resources Conservation Service (NRCS) may be able to help your community develop a plan to help reduce flood damages and provide for a clean and abundant drinking water supply.

Identifying Sediment Sources

The New Jersey Water Supply Authority (NJWSA) indirectly provides about 65 million gallons of water per day from the D&R Canal to over 600,000 people. Annual public costs to remove the sediment in the water amount to over \$3 million.

The Wickecheoke and Lockatong Creek Watersheds represent nearly 65 percent of the total contributing drainage area (in New Jersey) to the D&R Canal. In 2005, the New Jersey Water Supply Authority commissioned NRCS to identify the nature and extent of sediment sources and provide recommendations for their control within these watersheds.

NRCS evaluated potential sediment sources including agricultural cropland, streambanks, road and road drainage networks, forestland and construction sites to estimate their relative contributions of sediment to the D&R Canal.

Funding for this study was provided through the NRCS PL83-566 Watershed Protection and Flood Prevention Program and was supplemented by the NJWSA with funds from a Section 319 grant.



Streambank Erosion on Lower Wickecheoke Creek

Studies After Tropical Storm Floyd

Multi-County Survey

Mercer, Middlesex, Monmouth, Hunterdon and Somerset Counties requested technical assistance following Hurricane Floyd flooding in September, 1999. NRCS specialists developed the *Millstone River Watershed Flood Damage and Mitigation Report*. As part of this study, NRCS engineering obtained elevations for first floor and openings to basements on over 200 flood-prone structures in six municipalities. This survey and report were provided through the NRCS Watershed Protection and Flood Prevention Act program (PL83-566).



East Millstone Bridgetender's House, 9/17/1999

Action at the Local Level

As a result of the multi-county planning effort, individual municipal flood mitigation plans were developed with NRCS assistance for Franklin Township (Somerset County), Millstone Borough, Montgomery Township, and Princeton Township. These communities secured funding for the cost of developing their plans from the Flood Mitigation Assistance Program of the Preparedness and Mitigation Unit, New Jersey Office of Emergency Management.